

# Filipe Santiago Santos

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**GitHub / Portfolio:** [github.com/SantiaGhou](https://github.com/SantiaGhou) · [SantiaGhou.netlify.app]  
(<https://santiagh ou.netlify.app>)

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## Professional Summary

Computer Science student and polyglot who builds end-to-end solutions—from back-end with **Python & Java** to front-end with **TypeScript & React**. Passionate about code quality (TDD, Clean Code) and eager to join an agile team where I can contribute across multiple areas and deepen my skills in distributed systems.

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## Education

**Bachelor of Computer Science** · Estácio de Sá University

06/2024 – Present

- **GPA:** 9.5 / 10
  - **Key Courses:** Data Structures, Algorithms, Operating Systems, Databases
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## Relevant Projects

### 2025 – FitOut (Web App)

- **Tech Stack:** Next.js · React · TypeScript · Tailwind CSS · Fastify · Python · SQLite (Prisma)
- **Description:** Open-source platform for workout and diet management, featuring dashboards for trainers and users, session scheduling, exercise and meal logging, and personalized diet suggestions via API.
- **Gamification:** Streak system, community leaderboard, and over 5,000 logged sessions.

- **Infrastructure:** REST API with Fastify, JWT authentication, Dockerized deployment, and CI/CD via GitHub Actions.

## 2024 – T.H.O.R – Personal AI Assistant

- **Tech Stack:** Python 3.11 · Ollama · OpenAI API · Spotipy · whatsapp-web.js · pytube
- **Description:** Local-first, modular assistant routing between Gemma (general chat) and CodeGemma (coding), ensuring privacy and specialization.
- **Features:** PC task automation, Spotify control, WhatsApp messaging, YouTube video downloads, and OS command execution.
- **Persistence & Deployment:** Conversation logs in JSON, modular architecture, Docker setup.

## 2023 – Zaavy.la – Smart WhatsApp Bots

- **Tech Stack:** React · TypeScript · Node.js (Express) · whatsapp-web.js · OpenAI GPT-3.5/4 · Prisma · SQLite · Socket.IO · Tailwind CSS
- **Description:** End-to-end platform for building AI, rule-based, and hybrid bots with drag-and-drop visual builder and responsive dashboard.
- **Advanced Features:** QR code connection, isolated sessions, conversation history, PDF uploads for knowledge base, AI temperature control, real-time metrics.
- **Infrastructure:** REST API & WebSockets with Express and Socket.IO, Docker deployment, CI/CD.

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## Professional Experience

**Co-Founder & CTO** · 3bitai (Local Business AI) — Caculé, BA

01/2023 – 04/2023

- Defined and implemented product architecture (React, Node.js, PostgreSQL), delivering MVP in 8 weeks
- Recruited and led a team of 2 developers, established code reviews and daily Scrum
- Presented technical demos to investors and adapted the roadmap based on feedback

## **Co-Founder & Web Developer** · Nutria (SaaS, Remote)

08/2024 – 04/2025

- Built full-stack architecture with React, Node.js (Express), SQLite, JWT auth, and user profile management
- Developed Python module for automated personalized diet generation
- Created progress & goals dashboard to track KPIs and visualize user evolution
- Implemented customer-bot connection system on WhatsApp

## **Graphic Designer & Web Developer** · Clínica Celeste Ivo — Salvador, BA

03/2022 – 06/2022

- Managed Instagram content calendar: posts & stories, boosting engagement
- Developed institutional website in React (or HTML5/CSS3) with service pages & contact form
- Built bioresonance record system (Node.js/Express + SQLite) with registration, query, and report export
- Automated nutrition plans via Python module
- Optimized site performance and on-page SEO, improving load times and visibility

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## **Technical Skills**

**Languages:** TypeScript, JavaScript, Python, Java, C/C++

**Frameworks & Libraries:** React, Node.js (Express), Next.js, Tailwind CSS, Jest

**Databases:** MySQL, PostgreSQL, MongoDB, SQLite

**Tools & DevOps:** Git, Docker, CI/CD (GitHub Actions)

**Methodologies:** Agile/Scrum, TDD, Clean Code, Design Patterns

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## **Soft Skills & Languages**

**Soft Skills:** Problem Solving · Teamwork · Clear Communication · Proactivity · Rapid Learning

**Languages:** Portuguese (Native) · English (Intermediate)

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## Certifications & Courses

- CS50x: Introduction to Computer Science – Harvard University (01/2024)
  - AWS Certified Solutions Architect – Professional – AWS (08/2024)
  - Database Foundations – Oracle (05/2024)
  - React Fundamentals – Rocketseat (04/2025)
  - Node.js Fundamentals – Rocketseat (05/2025)
  - Python Fundamentals – Rocketseat (05/2025)
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## Extracurricular Activities

### Open-Source Contributions (GitHub)

- Resolved issues and submitted pull requests in React, Node.js, and Python projects
- Improved documentation, fixed bugs, and added features to public repositories

### Online Mini-Hackathons

- Participated in weekend hackathons on Devpost and HackerEarth
- Developed full-stack prototypes (React + Node.js) in 48 hours and delivered live demos